



## Client

CANAPORT LNG Terminal

## Vessel Type

LNG and Tugs

## Location

Saint John, New Brunswick, Canada

## Feasibility Study for LNG Terminal

CANAPORT LNG called on the services of the Maritime Simulation and Resource Centre (MSRC) to determine safe and proper procedures for approaching, berthing and unberthing manoeuvres at the LNG terminal pier with tugboat assistance.

Pilots from the Atlantic Pilotage Authority and tugboat captains from Atlantic Towing Ltd. Used the four bridges of the MSRC's navigation simulator to conduct a series of simulations on various types of LNG vessels assisted by 5,000 HP tugboats, which fitted with azimuthing podded propulsion (Z-drive).

The MSRC developed a geographic database for the site and integrated the currents used for the simulations.

